Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Sunday 27 Aug 2023 until 23:59 on Monday 28 Aug 2023

Forecast Issued on Sunday 27 Aug 2023 at 03:05

Confidence: High for prevailing unsettled and showery theme, but low for shower detail. Monday probably the best day of the period, with confidence again low regarding the arrival of a weather system on Tuesday.

Headline for Sunday 27 Aug 2023: Rather cloudy with a mixture of rain, drizzle and showers. Somewhat brighter in the afternoon.

Mountain weather hazards on Sunday 27 Aug 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** No Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms Low Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Sunny intervals	Dull	Light rain	Cloudy	Sunny intervals	Cloudy
Precipitation probability					
10%	30%	50%	40%	20%	20%

Forecast for Sunday 27 Aug 2023

Weather: Some brief sunny spells are likely around dawn but the cloud will soon move in and become extensive with a mixture of light rain and drizzle. The cloud will lift around lunch time, the patchy light rain turning into showers although these should remain light and well scattered. Showers are expected to clear east late afternoon, allowing some brief sunny spells to develop at the end of the day. Chance of thickening and lowering cloud arriving from the west after dusk possibly bringing rain and drizzle. towards midnight.

Chance of cloud-free hill tops above 600m: 30% in the early hours becoming 80% for a time during Sunday afternoon and evening then 50% after dusk and perhaps higher probabilities towards midnight.

Low Cloud and visibility: Scattered, possibly broken bases 500 metres, mainly around dawn. Cloud should lift and overturn after dawn, probably reaching 900 metres, and then scattered to broken bases lowering in evening to 700 metres after dusk. Moderate or poor at first becoming generally good in morning and during much of the afternoon, then perhaps moderate in the evening. Visibility very poor in cloud.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Mountain Weather Forecast

Forecast for Sunday 27 Aug 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	6/11 SW	9/11 W	11/15 NW	12/17 W	11/16 W	7/11 W	6/9 W
300	1/9 NW	6/11 NW	7/14 NW	9/18 W	9/18 W	4/10 W	3/9 NW
Valley	1/5 NW	1/3 SW	8/15 NW	9/18 W	8/16 W	2/6 N	2/5 NW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	9/8	10/8	11/9	12/9	11/9	10/8	9/8
300	10/9	13/12	14/12	15/13	13/12	11/11	10/10
Valley	11/11	13/13	15/14	16/15	15/13	13/12	12/12
Freezing Level*	2300m	2300m	2300m	2200m	2000m	2300m	2300m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

Breezy and feeling cooler, especially on peaks and ridges so adequate layers may be required.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Sat 26 Aug 2023	13.4mm	15mm	17.8mm

Forecast for Monday 28 Aug 2023

Weather: Some rain and drizzle for a time on Monday morning as fronts move erratically eastwards during the morning, with some afternoon and evening brightness perhaps developing in its wake. Chance of a few light showers into the evening period.

Maximum wind: West or Northwest with gusts reaching 20-25mph in afternoon.

Chance of cloud-free hill tops above 600m: 20% or less in morning, becoming 70% or more in afternoon, and for a time during the evening.

Low Cloud and visibility: Broken to overcast bases lowering to around 400 metres and covering some peaks. This probably lifting and breaking to scattered bases 700 metres and perhaps clearing summits during the afternoon.

Temperature: **Valleys:** Plus 7 degrees Celsius becoming plus 19 degrees Celsius.
At 600m: Plus 8 degrees Celsius becoming plus 13 degrees Celsius.
Freezing level: Well above summits.

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